### ALNYLAM PHARMACEUTICALS, INC.

Common

Stock

11/20/2015

Common 11/20/2015

Form 4 November 20, 2015

November 2	20, 2015									
FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION								OMB APPROVAL		
Washington, D.C. 20549									3235-0287 January 31	
Check the character of	nger to STATE	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES								
Form 4 Form 5 obligation may cor See Inst 1(b).	or Filed pu ons Section 17	(a) of the Pu	etion 16(a) of t	he Securi	mpar	y Act of	1935 or Section	burden hour response	s per 0.5	
(Print or Type	Responses)									
1. Name and Address of Reporting Person * MARAGANORE JOHN			2. Issuer Name <b>ar</b> ymbol LNYLAM	<b>ıd</b> Ticker o	r Trad	. Relationship of Reporting Person(s) to ssuer				
		P	HARMACEU ALNY]	TICALS	, INC	(Check all applicable) _X Director 10% Owner				
(Last)	Date of Earliest 'Month/Day/Year)	Transaction	ı		_X_ Officer (give t below) Chief E:	title Othe below) xecutive Office	r (specify er			
C/O ALNY PHARMAO THIRD ST	CEUTICALS, IN		1/20/2015				<b>C.I.C.</b> 2.			
(Street) 4. If Amenda Filed(Month/				_	al		. Individual or Joint/Group Filing(Check pplicable Line) X_ Form filed by One Reporting Person			
CAMBRID	OGE, MA 02142						Form filed by Mo Person	ore than One Rep	porting	
(City)	(State)	(Zip)	Table I - Non-	-Derivative	Secu	rities Acqu	ired, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Data any (Month/Day/Y	Code	onDisposed (Instr. 3, 4	of (D)	5)	or 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	11/20/2015		Code V  M(1)	Amount 58,690	(D)	Price \$ 13.12	181,515	D		
Common Stock	11/20/2015		M	10,564	A	\$ 7.1	192,079	D		

 $S^{(1)}$ 

 $S^{(1)}$ 

27,137 D

23,483 D

102.3355 164,942

141,459

(2)

\$

D

D

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Stock					103.1313 (3)			
Common Stock	11/20/2015	S <u>(1)</u>	8,070	D	\$ 103.9681 (4)	133,389	D	
Common Stock						2,750	I	By Managed Account
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.								

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 13.12	11/20/2015		M <u>(1)</u>	58,690	<u>(6)</u>	12/07/2015(1)	Common Stock	58,690
Stock Option (Right to Buy)	\$ 7.1	11/20/2015		M	10,564	<u>(6)</u>	11/30/2021	Common Stock	10,564

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
MARAGANORE JOHN C/O ALNYLAM PHARMACEUTICALS, INC. 300 THIRD STREET CAMBRIDGE, MA 02142	X		Chief Executive Officer			

2 Reporting Owners

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## **Signatures**

/s/ Michael Mason, Attorney-in-Fact for: John M. Maraganore

11/20/2015

\*\*Signature of Reporting Person

Date

## **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 18, 2015. The 58,690 options exercised and sold by the reporting person were due to expire on December 7, 2015.
- (2) Sale prices ranged from \$101.70 to \$102.695.
- (3) Sale prices ranged from \$102.70 to \$103.695.
- (4) Sale prices ranged from \$103.70 to \$104.55.
- (5) The reporting person owns 2,750 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.
- (6) The stock option vested as to 25% of the shares on the first anniversary of the date of the stock option grant and as to an additional 6.25% of the shares each successive three month period thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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